

**WASHINGTON STATE DEPARTMENT OF HEALTH  
OFFICE OF FOOD SAFETY AND SHELLFISH PROGRAMS**

**ANNUAL GROWING AREA REVIEW**

**PREPARED BY:** Donald Melvin, Environmental Specialist

**AREA:** Hood Canal #3

**YEAR ENDING:** December 31, 2005

**CLASSIFICATION:** Approved, Restricted, Unclassified

**ACTIVITIES IN THE GROWING AREA IN 2005:**

Samples were collected from the growing area 6 times during the year using the systematic random sampling method.

**ANALYTICAL RESULTS OF WATER SAMPLES:**

Table #1 summarizes the results of all samples collected from the area. This summary shows that all stations in the area pass the NSSP water quality standard. Stations #137 and #140 are of concern due to elevated bacteria levels.

**CHANGE IN ACTUAL POLLUTION SOURCES THAT IMPACT THE GROWING AREA:**

We currently have no information indicating that the area has new sources of pollution.

**CLASSIFICATION STATUS:**

- ☐ Well within the classification standards
- ☒ Meets standards but some concerns
- ☐ Meets standards but threatened with a downgrade in classification
- ☐ Fails to meet classification standards

**REMARKS AND RECOMMENDATIONS:**

Table #1 shows that all Approved area stations meet the NSSP water quality standards for the Approved classification and the area is correctly classified.

# TABLE 1

## SUMMARY OF MARINE WATER DATA (SRS)

Growing Area: HOOD CANAL #3

Classification: **Approved,Restricted,Unclassified**

From 11/08/2000 To 12/21/2005

## FECAL COLIFORM ORGANISMS/100 ML

Station Number	Classification	Number of Samples	Range	Geometric Mean	Est. 90th Percentile	Meets Std.
108	Approved	30	1.7 - 13.0	1.9	3.0	Yes
127	Approved	31	1.7 - 49.0	2.8	8.0	Yes
128	Approved	31	1.7 - 17.0	2.2	5.0	Yes
130	Approved	30	1.7 - 33.0	2.2	5.0	Yes
131	Approved	31	1.7 - 33.0	2.0	4.0	Yes
132	Approved	31	1.7 - 130.0	2.1	6.0	Yes
133	Approved	30	1.7 - 11.0	2.1	4.0	Yes
134	Approved	30	1.7 - 17.0	2.0	3.0	Yes
135	Approved	30	1.7 - 7.8	1.9	3.0	Yes
136	Approved	32	1.7 - 49.0	4.5	18.0	Yes
137	Approved	32	1.7 - 79.0	5.1	23.0	Yes
138	Approved	32	1.7 - 79.0	4.2	15.0	Yes
139	Approved	32	1.7 - 79.0	3.6	15.0	Yes
140	Approved	31	1.7 - 130.0	4.5	21.0	Yes
141	Approved	31	1.7 - 7.8	2.2	4.0	Yes
142	Approved	32	1.7 - 70.0	3.8	15.0	Yes
143	Approved	36	1.7 - 33.0	2.8	9.0	Yes
124	Restricted	31	1.7 - 1,600.0	7.0	54.0	Yes
125	Restricted	31	1.7 - 350.0	4.1	20.0	Yes
126	Restricted	31	1.7 - 33.0	3.5	11.0	Yes
289	Unclassified	26	1.7 - 11.0	1.9	3.0	*N/A
290	Unclassified	26	1.7 - 27.0	3.0	10.0	*N/A
293	Unclassified	23	1.7 - 7.8	2.3	4.0	*N/A

All tides information is presented

The standard for approved shellfish growing waters is fecal coliform geometric mean not greater than 14 organisms/100 ml and an estimate of the 90th percentile not greater than 43 organisms/100 ml. The above table shows bacteriological results in relation to program standards.

\* N/A - SRS criteria require a minimum of 30 samples from each station. \*



## CLASSIFICATION BOUNDARIES AND STATION LOCATIONS

